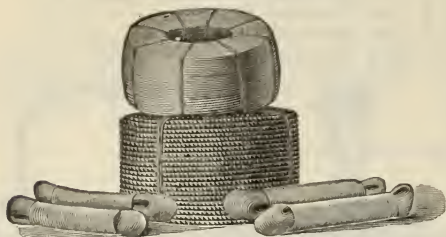


- No. 42.—Cast Snatch Block Pulleys.
No. 43.—Cast Floor Pulleys.

NEY HAY SLINGS.



MANILA AND SISAL ROPE.

We handle exclusively the Plymouth Brand of Rope in sizes as follows:

Diameter.	Strength in lbs.	Feet to lb.	Diameter.	Strength in lbs.	Feet to lb.
1-4	450	43	3-4	3,900	6
5-16	750	30	7-8	5,600	4
3-8	950	24	1	6,750	3 1-3
7-16	1,200	19	1 1-8	9,150	2 1-3
1-2	1,700	13	1 1-4	10,600	2 1-12
5-8	3,000	7 1-2			

Estimate of material required for a Steel Track Outfit for different length barns:

For a 40-foot barn, One Carrier, 36 ft. Track, 12 Hanger Hooks, 12 Rafter Brackets, 1 Harpoon, or Grapple Fork, 3 Pulleys, 4 Floor Hooks, 120 feet $\frac{3}{4}$ in. Manila Rope, 50 feet $\frac{3}{8}$ in. Check Rope, 1 Rope Hitch.

For a 50-foot barn, One Carrier, 48 ft. Track, 15 Hanger Hooks, 15 Rafter Brackets, 1 Harpoon or Grapple Fork, 3 Pulleys, 4 Floor Hooks, 160 feet $\frac{3}{4}$ in. Manila Rope, 55 feet $\frac{3}{8}$ in. Check Rope, 1 Rope Hitch.

For 60 foot barn, One Carrier, 54 ft. Track, 20 Hanger Hooks, 20 Rafter Brackets, 1 Harpoon or Grapple Fork, 3 Pulleys, 5 Floor Hooks, 185 feet $\frac{3}{4}$ in. Manila Rope, 65 ft. $\frac{3}{8}$ in. Check Rope, 1 Rope Hitch.

Above estimates of Rope are for an *End Hoist*. In hoisting from centre of barn less Rope will be necessary.

Special Notice.

When requesting quotations do not fail to give exact length of barn, whether Ridge Pole or Full Rafter, and distance between Rafters. Also state whether you expect to hoist from end or centre of barn.

Write us for prices.

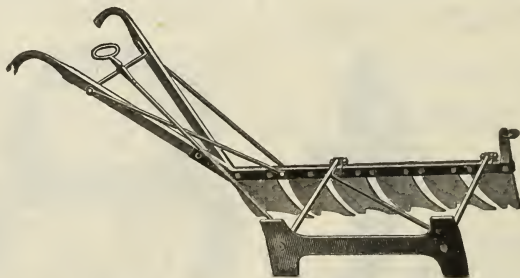
WM. T. WOOD & CO.'S ICE TOOLS.

We are agents for the Wm. T. Wood & Co.'s celebrated Ice Tools, and carry a complete stock of Summer and Winter tools in proper season. Of the different tools most commonly used, we enumerate the following:

BREAKING BAR.

- No. 40.—Breaking Bars. Each, \$3.25

This tool, having a wedge-shaped "pad," or blade, is used to insert in the plow-grooves, and thus detach the sheets or floats from the main body of the ice, and also to break up these



DAIRYMEN'S ICE PLOWS.

- No. E. 8-Inch, 5-Tooth "Ice King,"

With Patent Adjustable swing Guide and Patent Clearing Tooth. Each, \$30.00

floats into strips. The chisel end is merely for convenience, in case a sharp end is required.

The pad end is provided with ears on which to bear the foot.

It has a blunt edge, which is not intended to reach the bottom of the groove, the seam being wedged open.



No. 2 Splitting Fork.

- No. 31.—No. 2 Splitting Forks, each, \$4.50

Our splitting forks are made with long steel tines, tapered so as to give great wedging power in the plow-grooves without "shelling" the ice. Their weight makes them particularly useful in breaking off floats or large sheets from the ice-field, and they cannot be excelled for splitting the floats into strips when the grooving is insufficiently deep or partially frozen.

BAR CHISELS.

- No. 42.—Bar or Packing Chisels, steel handles, each, \$3.25

The bar chisel is made with a wide blade, bevelled on one side, and is used mostly to cut around the cakes in getting ice out of the house. It is also used for trimming off any unevenness

of the blocks when stowing ice in the house, and for breaking out the canal, cutting holes, or any work requiring a fast-cutting chisel.

CALKING BAR.

No. 41.—Calking Bars, hollow handles, each, \$2.50

This bar is used to calk the ends of the grooves on the field of ice, and on the floats before they are detached, with the chips made in grooving, in order to prevent the water from running in.

The blade is made long and thin, suitable for calking the deepest grooves; and the handle is of gas-pipe, to make the tool light.

The splitting chisel is made with a narrow blade, and with a gradual bevel on both sides. It is used to split blocks or strips into cakes, either in the canal or on the platform, and also comes into use for wetting down an ice-field, and for various other purposes, being a light and handy tool.

THREE-TINED NEEDLE BAR.

No. 57.—Three-Tined Needle Bars, each, \$4.50

The three tines give a broader bearing in the groove than a single tine, and where the ice is not well plowed, or has become frozen up, it is more effective for separating strips or cakes.



Bar Chisel.



Starting Chisel, Eastern Pattern.



Ring Handle Splitting Chisel.

SUMMER BAR.

No. 43.—Summer Bars, heavy, fully polished, each, \$5.00

This bar is made wholly of steel, is heavier than the bar chisel, and is used in some localities for the double purpose of cutting around and striking up ice in the houses. It is a first-class tool.



Three-Tined Needle Bar.

STARTING CHISEL. Eastern Pattern.

No. 44.—Starting Chisels (Eastern Pattern), each, \$3.25

The starting chisel, or striking-under bar, is made for the purpose of starting up the blocks of ice in the house after they have been cut around with the bar chisel or summer bar, and is curved to prevent too great stooping of the body. Made of steel throughout, and equal to the heaviest work.

It is also a favorite bar for "wetting down" a fall of snow, although the blade is wider than the regular No. 52 punching bar.

ICE SAWS.

No. 70.—Ice Saws, 4 feet, best quality, without case, each, \$5.00

No. 71.—Ice Saws, 4 1-2 feet, best quality, without case, each, 5.25

No. 72.—Ice Saws, 5 feet, best quality, without case, each, 5.50

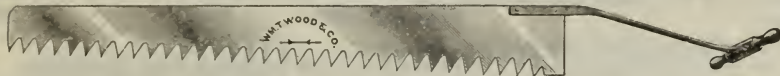
No. 74.—Ice Saws, 4 feet, best quality, without case, each, 4.50

No. 75.—Ice Saws, 4 1-2 feet, best quality, without case, each, 4.75

No. 76.—Ice Saws, 5 feet, best quality, without case, each, 5.00

Unless instructions are given to the contrary, saws with painted cases, having leather strap, will be shipped on orders.

The saw is a very necessary article in cutting ice, as it must be used in opening the channel,



Ice Saw.

SOCKET CHISEL.

No. 46.—Socket Chisels, each, \$3.25

Similar to a bar chisel, but wider, and with a wooden handle, making it lighter in weight.

RING HANDLE SPLITTING CHISEL.

No. 49.—Ring Handle Splitting Chisels, steel blade, each, \$2.50

No. 49 1-2.—Ring Handle Splitting Chisels, all tool-steel blade, each, \$2.75

and also in sawing the sheets or "floats" out of the field.

Five feet is the best length for fast work where the depth of water will permit its use.

PLOW ROPE.

Length, 8 ft.

No. 82.—Plow Ropes, each, \$1.50

These are made of the best manila rope, 1 inch diameter, with a thimble spliced in one end for the whiffletree-hook, and a pair of sister-

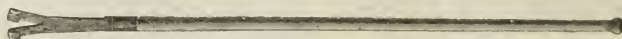
hooks in the other end by which to fasten to the plow.

Made with sister-hooks in both ends to order.

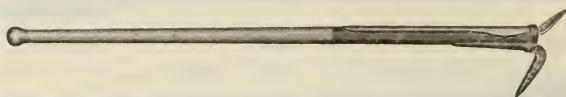
LINE MARKER.

No. 90.—Line Markers, each, \$0.90

This tool is a simple contrivance for the purpose of making a line by means of a straight edge in which to run the marker teeth, thus making the first groove in marking out the field of ice. For those who have no hand plow, it is a sufficient substitute for this purpose.



Line Marker.



Ice Hook.



D Handle Ice Breaker.

ICE HOOKS.

Boston Pattern has wide points, and is most generally used.

New York Pattern has narrow points, and is preferred in some localities.

No. 100.—Ice Hooks, 3 and 3 1-2 ft., turned ash handles, per doz., \$9.00

Ice Hooks, 4 ft., turned ash handles, per dozen, 9.25

Ice Hooks, 4 1-2 ft., turned ash handles, per dozen, 9.50

Ice Hooks, 5 ft., turned ash handles, per dozen, 10.00

Ice Hooks, 6 ft., turned ash handles, per dozen, 10.50

Ice Hooks, 7 ft., turned ash handles, per dozen, 11.00

Ice Hooks, 8 ft., turned ash handles, per dozen, 12.00

Ice Hooks, 10 ft., turned ash handles, per dozen, 13.00

Ice Hooks, 12 ft., turned ash handles, per dozen, 14.00

Ice Hooks, 14 ft., turned ash handles, per dozen, 15.50

Ice Hooks, 16 ft., turned ash handles, per dozen, 17.00

Ice Hooks, 18 ft., turned ash handles, per dozen, 18.50

Ice Hooks with "Kennebec Handles," having 2 1-4-inch knobs, on hand at factory. Prices on application.

No. 107.—Pullers for Ice Hooks, per dozen, \$4.50

No. 108.—Shovers for Ice Hooks, per dozen, 2.75

BOSTON TONGS.

Regular grade (painted red). Solid

swell handles, steel bows, and best tool-steel points.

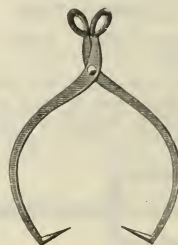
No. 115.—Boston Tongs, family size, span 13 inches, per doz., \$14.00

Boston Tongs, small size, span 14 1-2 inches, per doz., 15.00

Boston Tongs, medium size, span 16 1-2 inches, per doz., 16.00

Boston Tongs, loading size, span 24 inches, per doz., 18.00

Boston Tongs, extra size, span 26 inches, per doz., 19.00



Boston Tongs.



BOSTON ICE AXE.

No. 142.—Boston Ice Axes, 8x1 3-4 in. Blade, per doz., \$20.00

D HANDLE ICE SHAVERS.

No. 161.—D Handle, 4 Point Ice Shavers, large Blade, each, 2.25

D HANDLE ICE BREAKER.

No. 163.—D Handle Ice Breakers, each, \$3.50

Breakers are not made for splitting large cakes of ice, but rather for reducing the cakes to coarse junks by a scaling process. They are very popular in fish markets, and are suited to rapid work.

**HOISTING TONGS.**

No. 135.—Adjustable Claw
Hoisting Tongs, each, \$6.00

No. 137.—Solid Claw
Hoisting Tongs, each,
4.50

Used for hoisting ice directly from the water to the platform, in the absence of an incline, or for lowering ice from houses, for loading vessels, etc.

In addition to the Woods line of Ice Tools, we also carry the following at a somewhat lower price.

COMMON TONGS, ALL SIZES.

Woods Pattern Tongs, all sizes.

Ice Shavers.

Ice Chisels.

Boston Pattern Axes.

Ice Hooks, all lengths.

Ice Hook Handles.

Write for special catalogue and prices.

SIMONDS' CELEBRATED SAWS

No. 22.—Crescent Ground, Lance Tooth,
4 1-2, 5, 5 1-2, 6 ft.

No. 12.—Crescent Ground. Champion
Tooth, 4 1-2, 5, 5 1-2, 6 ft.

No. 206.—14x18 Gauge, Lance Tooth, 4 1-2,
5, 5 1-2, 6 ft.

No. 207.—14x18 Gauge, Common Peg
Tooth, 4 1-2, 5, 5 1-2, 6 ft.

No. 210.—Narrow Hollow Back, Champion
Tooth, 4 1-2, 5, 5 1-2, 6 ft.

No. 0214.—Narrow Felling, Lance Tooth,
4 1-2, 5, 5 1-2, 6 ft.

ONE MAN SAW.

No. 111.—Champion Tooth, 3 1-2, 4, 4
1-2 ft.

No. 222.—Lance Tooth, 3 1-2, 4, 4 1-2 ft.

SIMONDS' ICE SAWS.

4 1-2 foot with Handle.

5 foot with Handle.

FRAMED WOOD SAWS.

No. 104.—Varnished Maple Frame, with
No. 143, 1 3-4 in. Blued Web.

No. 104.—Varnished Maple Frame with
No. 148, 2 1-4 in. Bright Web.

No. 106.—Patent Red Frame with No. 155
A, 1 3-4 in. Blued Web.

No. 106.—Patent Red Frame with No. 155
2-in. Bright Web.

WOOD SAW WEBS.

No. 143.—32x1 3-4 in. Blued.

No. 152.—32x2 1-4 Bright.



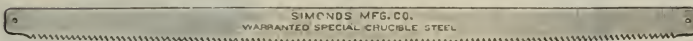
Crescent Ground Cross Cut Saws.



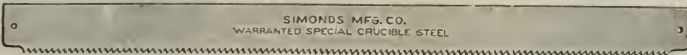
NO 210



One Man Saw.



SIMONDS MFG. CO.
WARRANTED SPECIAL CRUCIBLE STEEL



SIMONDS MFG. CO.
WARRANTED SPECIAL CRUCIBLE STEEL

Wood Saw Webs:

No. 325.—Crescent Ground, Lance Tooth
Felling, 4 1-2, 5, 5 1-2, 6 ft.

BAY STATE CROSS CUT SAWS.

No. 205.—14x18 Gauge, Champion Tooth,
4 1-2, 5, 5 1-2, 6 ft.

No. 142.—32x2 Bright.

36x2 1-2, 19 Gauge Bright.

48x2 1-2, 18 Gauge Bright.

PRUNING SAWS.

No. 75.—18 in. Bay State.

No. 74.—22 in. Bay State.